

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase of:

Applicant: Andreas Manz et al.
PCT Application No.: PCT/GB2003/003365
PCT Filing Date: August 1, 2003
U.S. Serial No: 10/523,035
Title: POWDER MIXING MICROCHIP, SYSTEM AND METHOD
Attorney Docket No. FRYHP0131US

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449.

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ☒ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report, is being submitted herewith or has previously been submitted.
 - (b) ☐ Attached is a "Concise Explanation of Relevance of Non-English Language Documents".
3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):
- (a) ☐ Within 3 months of the filing date, date of entry into the National Stage, or filing date of CPA.
 - (b) ☒ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988 for consideration of this Statement.
 - (c) ☐ Before the mailing date of a first Office Action on the merits after a first or second submission after final rejection under 37 C.F.R. 1.129(a).

(d) ___ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) ___ The required certification is given below, or

(2) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) ___ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988

(e) ___ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee, Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p), or

(2) ___ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988.

4. Certification (if applicable)

(a) ___ The undersigned hereby certifies that each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

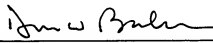
(b) ___ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 18-0988.

Respectfully Submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP

By

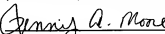

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 1-3-06


Jennifer A. Moore

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| Form PTO-1449 (Modified) | Atty Docket No. FRYHP0131US | Serial No. 10/523,035 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | | |
| (Use several sheets if necessary) | | |
| Applicant: Andreas Manz et al. | | Filing Date 2/2/05 |
| | | Group |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Sub-class | Filing Date if Appropriate |
|------------------|-----------------|---------|--------------|-------|-----------|----------------------------|
| /D.S./ | 3,648,985 | 03/1972 | Matweecha | | | |
| /D.S./ | 3,733,056 | 05/1973 | Fong | | | |
| /D.S./ | 4,474,477 | 10/1984 | Smith et al. | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Sub-class | Translation | |
|------------------|-----------------|---------|---------|-------|-----------|-------------|----|
| | | | | | | Yes | No |
| /D.S./ | 0 925 827 | 06/1999 | EP | | | | |
| /D.S./ | 2 096 911 | 10/1982 | GB | | | | |
| /D.S./ | 2001162151 | 06/2001 | JP | | | | |
| /D.S./ | 2001018206 | 01/2001 | JP | | | | |

OTHER ART

| Examiner Initial | Author, Title, Date, Pertinent Pages, etc. |
|------------------|---|
| /D.S./ | Bertsch, Arnaud et al. "3D Micromixers - Downscaling Large Scale Industrial Static Mixers." <u>Proceedings of the IEEE 14th Annual International Conference on Microelectromechanical Systems</u> . (21-25 January 2001): 507-510. |

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|----------------------------|-------------------------------|
| EXAMINER /David Sorkin/ | DATE CONSIDERED 11/06/2009 |
|----------------------------|-------------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement PTO-1449 (Modified)

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution.

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